

MITCHELL BURK

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Summary

Experienced professional with 3+ years of expertise in information technology. Proficient in computer system installation and configuration, security issue identification and resolution, and development of machine learning algorithms. Dedicated to delivering efficient and top-notch support.

Skills

- Programming Languages: Python, NumPy, Pandas, Java, JavaScript, C, C#, Git, Go
- Cybersecurity: (Analysis, Assessments, Reporting, 2FA)
- Operating Systems: Windows, Linux, Unix
- Databases: SQL/MySQL
- VMware
- Scripting Languages: Bash, Powershell
- Network Routing and Switching
- Proficient with Office 365
- Machine/Deep Learning (PyTorch, TensorFlow, NLP, computer vision, data gathering)
- Splunk

Experience

- Purdue University Northwest | Hammond, IN
Machine Learning Researcher
03/2020 - 08/2021
- Research in NLP and visualizing multi-dimensional word embeddings (vec2graph, Reinforcement Learning, DNN/CNN).
 - Compiled, cleaned, and manipulated data for proper handling.
 - Used NLP methodologies on medical corpora.
 - Performed various tasks such as account creation, software installation, and automation.
- Purdue University Northwest | Hammond, IN
Security Specialist
09/2018 - 11/2019
- Responded to incidents involving spam/phishing emails, compromised accounts, and suspicious network activity.
 - Wrote code to parse unorganized reports (Python, Pandas, Anaconda).
 - Assisted in the creation of weekly "Security Tips" sent out to all faculty, staff, and students.
 - Drafted security reports and metrics to track security performance and strategize improvements.
 - Contributed system road mapping, design and launch services to address information vulnerabilities.
 - Monitored computer virus reports to determine when to update virus protection systems.
- All Information Services | Oak Brook, IL
Junior Network Analyst
05/2017 - 08/2017
- Assisted with Cisco Switch configuration.
 - Installed networking equipment for a public school district.

Education and Training

Purdue University Northwest | Hammond, IN
Bachelor of Science in Computer Information Technology
05/2020